

ECOMID® A HH GF13 BK 9005/1

ECOMID®

Product information

Resin Identification	PA66-GF13	ISO 1043
Part Marking Code	>PA66-GF13<	ISO 11469

Typical mechanical properties

	dry/cond.		
Tensile modulus	6150/-	MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	105/-	MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	2.8/-	%	ISO 527-1/-2
Flexural modulus	5700/-	MPa	ISO 178
Flexural strength	180/-	MPa	ISO 178
Charpy notched impact strength, 23°C	3.5/-	kJ/m ²	ISO 179/1eA
Poisson's ratio	0.35/- ^[C]		

[C]: Calculated

Physical/Other properties

	dry/cond.		
Density	1210/-	kg/m ³	ISO 1183

Injection

Drying Recommended	yes
Drying Temperature	80 °C
Drying Time, Dehumidified Dryer	2 - 4 h
Processing Moisture Content	≤0.15 %
Melt Temperature Optimum	285 °C
Min. melt temperature	275 °C
Max. melt temperature	295 °C
Screw tangential speed	≤0.2 m/s
Mold Temperature Optimum	100 °C
Min. mould temperature	70 °C
Max. mould temperature	120 °C

Characteristics

Processing	Injection Moulding
Special characteristics	Heat stabilised or stable to heat

Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
VW Group	VW 50127	*Best Fitting Grade To PA66-4, Not Officially Approved